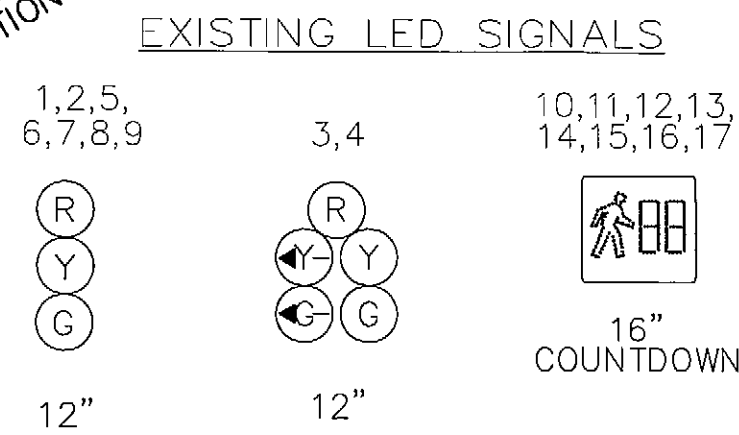
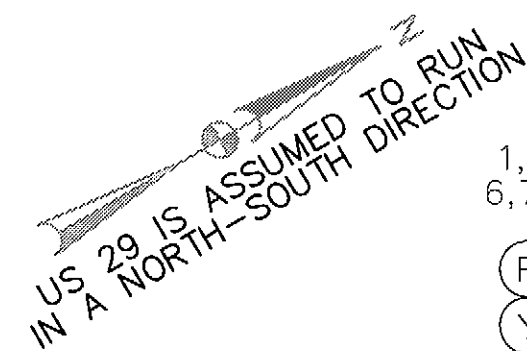
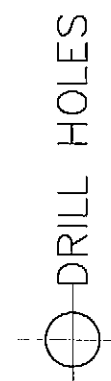
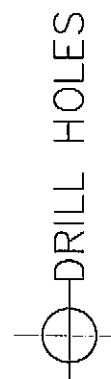
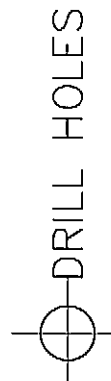
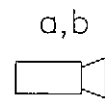


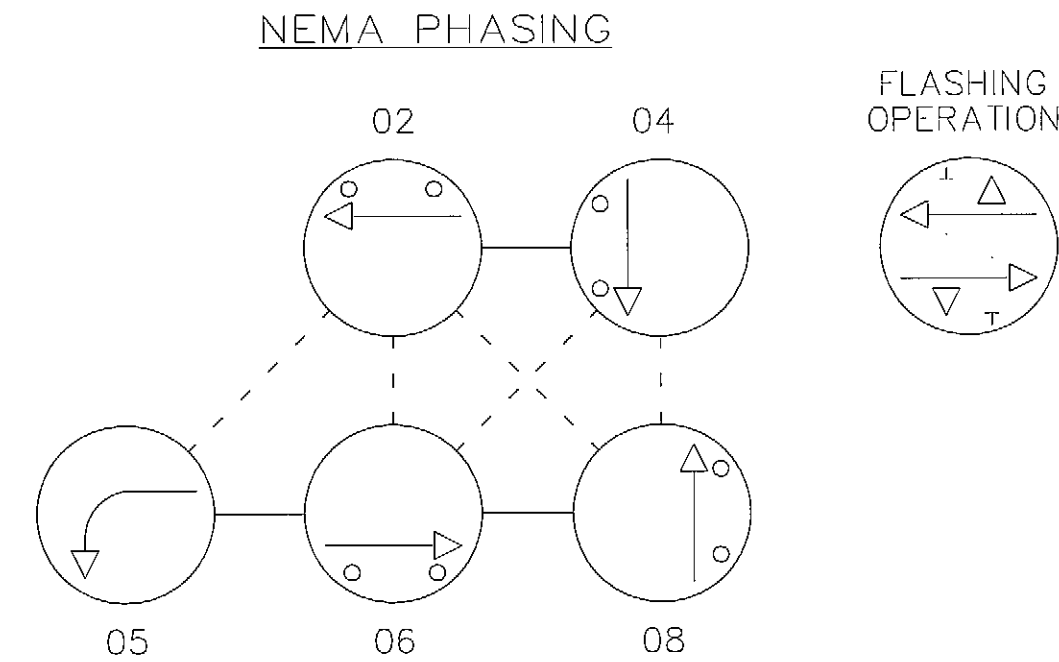
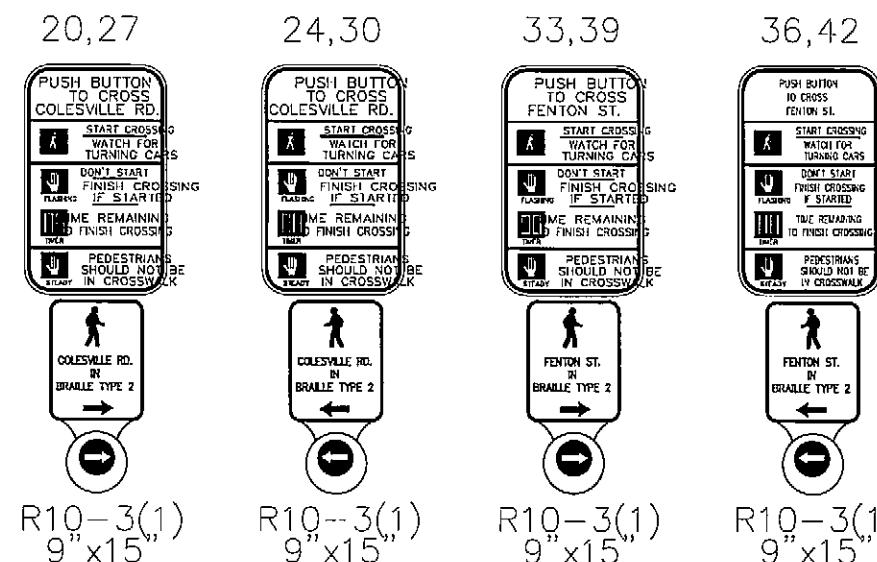
BY: \$USERNAME\$



EXISTING VIDEO DETECTION CAMERA



EXISTING ACCESSIBLE PUSHBUTTON AND SIGN



IF AN EXISTING CONDUIT IS MORE THAN 40% FULL, ADDITIONAL CONDUIT WILL BE INCLUDED AS NEEDED.

NOTE: PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

NOTE: CONTRACTOR SHALL REFER TO MDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MATERIALS SECTION 603.03.01 (B-1) FORMS, SECTION 603.03.01 (C) CONCRETE, AND SECTION 603.03.01 (E) JOINTS FOR SIDEWALK REPAIR

NOTE: CONTRACTOR SHALL REFER TO SHA STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES STANDARD NUMBERS MD 655.01, MD 655.02, MD 655.11, MD 655.12, AND MD 655.13 FOR REPAIR OF SIDEWALK EXPANSION JOINTS, SIDEWALK PASSING ZONES, SIDEWALK RAMPS, AND ADA RAMPS.

NOTE: THIS GAS LINE AND SHA/MONTGOMERY COUNTY TRAFFIC SIGNAL CONDUIT SHALL BE LOCATED BEFORE ANY CONSTRUCTION IS TO BEGIN. IF IT IS DETERMINE THAT THE GAS LINE IS WITHIN 2'-0" OF THE CAMERA AND/OR FLASH FOUNDATION THESE FOUNDATIONS SHALL BE RELOCATED.

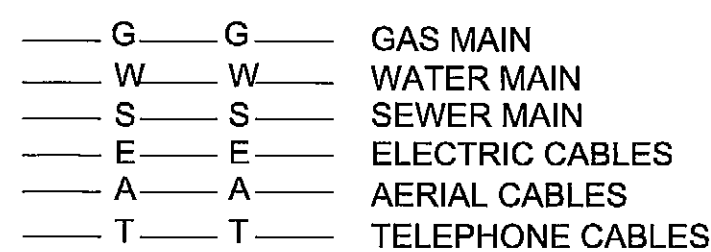
NOTE: CONTRACTOR SHALL USE A RED PROTECTIVE SLEEVE TO SEPARATE THE REDLIGHT CAMERA SYSTEM WIRES FROM EXISTING SHA SIGNAL WIRES AT ALL TIMES WHEN ROUTING THROUGH EXISTING CONDUIT, HANDHOLES, SIGNAL STRUCTURES, AND SPAN WIRES.

THIS DRAWING IS ISSUED AND STAMPED FOR RED LIGHT CAMERA INSTALLATION IN THE CLOUDED AREA ONLY

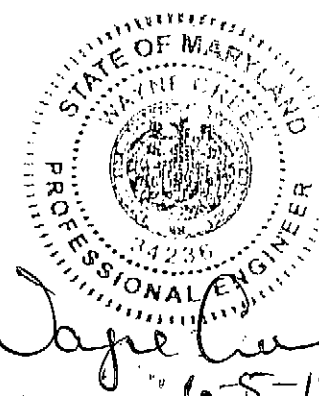
SPECIAL NOTE: CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.

- CONSTRUCTION DETAILS**
- A. INSTALL CAMERA UNIT, 10' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
B. INSTALL FLASH UNITS, RECEIVERS, 14' POLE, AND FOUNDATION WITH (1) 3" PVC 90, (1) 2" PVC 90 AND (1) 1" PVC 90.
C. INSTALL 2" PVC SCH 80 COMMS CONDUIT - TRENCHED. AFTER REMOVING ORNAMENTAL BRICK/STONE SIDEWALK. REPLACE SIDEWALK IN KIND
D. INSTALL 2" PVC SCH 80 ELECTRICAL CONDUIT - TRENCHED. AFTER REMOVING ORNAMENTAL BRICK/STONE SIDEWALK. REPLACE SIDEWALK IN KIND
E. INSTALL #5 PULLBOX.
F. USE EXISTING CONDUIT. (REFER TO "RED PROTECTIVE SLEEVE NOTE" ON THIS SHEET)
G. INSTALL SENSYS SENSOR CUBE.
H. USE EXISTING HAND HOLE
J. INSTALL 100 AMP METERED SERVICE PEDESTAL WITH BYPASS SWITCH AS SHOWN
K. INSTALL 2" PVC ELECTRICAL CONDUIT (SCHEDULE 80) TRENCHED AFTER REMOVING ORNAMENTAL BRICK/STONE SIDEWALK. REPLACE SIDEWALK IN KIND
M. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. REMOVE EXISTING ELECTRICAL SERVICE FROM THE SIDE OF THE CABINET AND PLUG SERVICE ENTRANCE HOLE. INSTALL 2" PVC ELECTRICAL CONDUIT BEND IN EXISTING CABINET BASE.
N. REMOVE EXISTING UNDERGROUND ELECTRICAL SERVICE. THIS IS TO BE COMPLETED AS A "WORK WITH" WITH PEPCO AND USING MONTGOMERY COUNTY POLICE FOR TRAFFIC CONTROL DURING THE CHANGE OVER.
O. EXISTING PEPCO SERVICE VAULT.
P. INSTALL 4" PVC ELECTRICAL CONDUIT FROM PEPCO VAULT TO METERED PEDESTAL
Q. USE EXISTING CONDUIT FROM EXISTING HAND HOLE TO EXISTING TRAFFIC CONTROLLER CABINET (REFER TO "RED PROTECTIVE SLEEVE" NOTE ON THIS SHEET).

UTILITY LEGEND



SPECIAL NOTE: CONTRACTOR SHALL TEST PIT TO VERIFY LOCATION OF EXISTING CONDUIT AND UTILITY RUNS THAT WILL BE IN CLOSE PROXIMITY TO NEW EQUIPMENT INSTALLATIONS.



APPROVALS	REVISIONS	SCALE 1"=20' ADVERTISED DATE 05/13/91 CONTRACT NO.
TEAM LEADER ASST. DIV. CHIEF DIVISION CHIEF OFFICE DIRECTOR	② RED LIGHT CAMERA INSTALLATION TIMS # 1420 06/04/2012 A. INSTALL APS, EPS AND ADA RAMPS ON ALL LEGS AND UPGRADE SIGNAL HEADS TO LED 12/2008 SHA NO. XX4445185	DESIGNED BY LMS DRAWN BY TEL CHECKED BY BCM F.A.P. NO. COUNTY MONTGOMERY LOGMILE 15002900.93 TIMS NO. 1730 TOD NO. DRAWING NO. 188B OF SHEET NO. 1 OF 2
PLOTTED: 04/11/2012 FILE: \$FILE\$		